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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1

Complete If Known	
Application Number	10/656531
Filing Date	September 5, 2003
First Named Inventor	David Baltimore
Art Unit	1645
Examiner Name	Not Yet Assigned
Attorney Docket Number	CTCH-P01-016

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CM	AU	US-2004/0121357-A1	06-24-2004	Franklin, S.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
CM	CT1	Kim., Y. *et al.* Hybrid restriction enzymes: Zinc finger fusions to *Fok* I cleavage domain. *Proc. Natl. Acad. Sci. USA* 93:1156-1160 (1996).	

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	AA	US-4,665,184	05-12-1987	Dervan, P. et al.	
	AB	US-4,795,700	06-03-1989	Dervan, P. et al.	
	AC	US-4,942,227	07-17-1990	Dervan, P. et al.	
	AD	US-5,356,802	10-18-1994	Chandrasegaran, S.	
	AE	US-5,436,150	07-25-1995	Chandrasegaran, S.	
	AF	US-5,487,994	01-30-1996	Chandrasegaran, S.	
	AG	US-5,789,155	08-04-1998	Dervan, P. et al.	
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	AI	US-5,916,794	06-29-1999	Chandrasegaran, S.	
	AJ	US-6,007,988	12-28-1999	Choo, Y. et al.	
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	AL	US-6,140,466	10-31-2000	Barbas, C. et al.	
	AM	US-6,242,568-B1	06-05-2001	Barbas, C. et a.	
	AN	US-6,265,196-B1	07-24-2001	Chandrasegaran, S.	
	AO	US-6,453,242-B1	09-17-2002	Eisenberg, S. et. al.	
	AP	US-6,479,626-B1	11-12-2002	Kim, J. et al.	
	AQ	US-6,534,261-B1	03-18-2003	Cox, G. N. et al.	
	AR	US-2002/0107214-A1	08-08-2002	Choulika, A. et al.	
	AS	US-2002/0110898-A1	08-15-2002	Choulika, A. et al.	
	AT	US-2003/0232410-A1	12-18-2003	Liljedahl, M. et al.	

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	BA	WO-98/53058	11-26-1998	Medical Research Council		
	BB	WO-98/53059	11-26-1998	Medical Research Council		
	BC	WO-98/53060	11-26-1998	Medical Research Council		
	BD	WO-00/46385	08-10-2000	The Children's Medical Center Corporation		
	BE	WO-00/46386	08-10-2000	The Children's Medical Center Corporation		
	BF	WO-03/080809	10-02-2003	Stell		
	BG	WO-03/087341	10-23-2003	The University of Utah Research Foundation		

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Filing Date	September 5, 2003
First Named Inventor	David Baltimore
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	CTCH-P01-016

	CA	Bibikova, M. et al. Stimulation of Homologous Recombination through Targeted Cleavage by Chimeric Nucleases. Molecular and Cellular Biology 21:1, 289-97 (2001)	
	CB	Bibikova, M. et al. Targeted Chromosomal Cleavage and Mutagenesis in Drosophila Using Zinc-Finger Nucleases. Genetics 161:1169-75 (2002)	
	CC	Bitinaite, J. et al. FokI dimerization is required for DNA cleavage. Proc. Natl. Acad. Sci. 95:10570-75 (1998)	
	CD	Brenneman, M. et al. Stimulation of intrachromosomal homologous recombination in human cells by electroporation with site-specific endonucleases. Proc.Natl. Acad. Sci. USA 93, 3608-12 (1996)	
	CE	Chandrasegaran S. et al. Chimeric Restriction Enzymes: What Is Next? J. Biol. Chem. 380:841-8 (1999)	
	CF	Chevalier, B. et al. Design, Activity, and Structure of a Highly Specific Artificial Endonuclease. Molecular Cell. 10:895-905 (2002)	
	CG	Choulika, A. et al. Induction of Homologous Recombination in Mammalian Chromosome by Using the I-SceI System of Saccharomyces cerevisiae. Molecular and Cellular Biology. 15:4, 1968-73 (1995)	
	CH	Cohen-Tannoudji, M. et al. I-SceI-Induced Gene Replacement at a Natural Locus In Embryonic Stem Cells. Molecular and Cellular Biology. 18:3, 1444-48 (1998)	
	CI	Desjarlais, J.R. et al. Toward rules relating zinc finger protein sequences and DNA binding site preferences. Proc. Natl. Acad. Sci. USA 89, 7345-49 (1992)	
	CJ	Donoho, G. et al. Analysis of Gene Targeting and Intrachromosomal Homologous Recombination Stimulated by Genomic Double-Strand Breaks in Mouse Embryonic Stem Cells. 18:7, 4070-78 (1998)	
	CK	Dreier, B. et al. Development of Zinc Finger Domains for Recognition of the 5'-ANN-3' Family of DNA Sequences and Their Use in the Construction of Artificial Transcription Factors. Journal of Biological Chemistry. 276:31, 29466-078 (2001)	
	CL	Elliott, B. et al. Gene Conversion Tracts from Double-Strand Break Repair in Mammalian Cells. Molecular and Cellular Biology. 18:1, 93-101 (1998)	
	CM	Elrod-Erickson et al. Binding Studies with Mutants of Zif268. J. of Biol. Chem. 274:27, 19281-85 (1999)	
	CN	Gorlich, D. et al. Nucleocytoplasmic Transport. Science. 271, 1513-18 (1996)	
	CO	Greisman, H. et al. A General Strategy for Selecting High-Affinity Zinc Finger Proteins for Diverse DNA Target Sites. Science. 275, 657-61 (1997)	
	CP	Hicks, G. et al. Three Classes of Nuclear Import Signals Bind to Plant Nuclei. Plant Physiol. 107:1055-58 (1995)	
	CQ	Huang, B. et al. Splase: A New Class IIS Zinc-Finger Restriction Endonuclease with Specificity for Sp1 Binding Sites. Journal of Protein Chemistry. 15:5, 481-89 (1996)	
	CR	Johnson, R.D. et al. Double-strand-break-induced homologous recombination in mammalian cells. Biochemical Society Transactions 29, 196-201 (2001)	
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	CT	Kim, Y. et al. Chimeric restriction endonuclease. Proc. Natl. Acad. Sci. 91, 883-87 (1994)	
	CU	Kim, Y. et al. Chimeric Restriction Enzyme: Gal4 Fusion to FokI Cleavage Domain. J. Biol. Chem. 379, 489-5. (1998)	
	CV	Kim, Y. et al. Insertion and Deletion Mutantsd of KokI Restriction Endonuclease. Journal of Biological Chemistry 269:50, 31978-82 (1994)	
	CW	Li, L. et al. Alteration of the cleavage distance of Fok I restriction endonuclease by insertion mutagenesis. Proc. Natl. Acad. Sci. 90, 2764-68 (1993)	
	CX	Li, L. et al. Functional domains in Fok I restriction endonuclease. Proc. Natl. Acad. Sci. 89, 4275-79 (1992)	
	CY	Liu, Q. et al. Validated Zinc Finger Protein Designs for All 16 GNN DNA Triplet Targets. J.	

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Art Unit	N/A
Examiner Name	Not Yet Assigned
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		Biol. Chem. 277:6, 3850-56 (2002)	
	CZ	Mattaj, I. et al. Nucleocytoplasmic Transport: The Soluble Phase. Annu. Rev. Biochem. 67:265-306 (1998).	
	CA1	Nahon, E. et al. Targeting a truncated Ho-endonuclease of yeast to novel DNA sites with foreign zinc fingers. Nucleic Acids Research, 26:5, 1233-39 (1998)	
	CB1	Porteus, M. et al. Chimeric Nucleases Stimulate Gene Targeting in Human Cells. Science 300:763 (2003)	
	CC1	Rebar, E. et al. Zinc Finger Phage: Affinity Selection of Fingers with New DNA-Binding Specificities. Science. 263, 671-73 (1994)	
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	CE1	Rouet, P. et al. Introduction of Double-Strand Breaks into the Genome of Mouse Cells by Expression of a Rare-Cutting Endonuclease. Molecular and Cellular Biology, 14:12, 8096-106. (1994)	
	CF1	Sargent, R. G. et al. Repair of Site-Specific Double-Strand Breaks in a Mammalian Chromosome by Homologous and Illegitimate Recombination. Molecular and Cellular Biology. 17:1, 267-77 (1997)	
	CG1	Segal, D.J. Endonuclease-induced, targeted homologous extrachromosomal recombination in Xenopus oocytes. Proc. Natl. Acad. Sci. 92, 806-10 (1995)	
	CH1	Segal, David J. Toward controlling gene expression at will: Selection and design of zinc finger domains recognizing each of the 5'-GNN-3' DNA target sequences. Proc. Natl. Acad. Sci. USA. 96, 2758-63 (1999)	
	CI1	Sera, T. et al. Rational Design of Artificial Zinc-Finger Proteins Using a Nondegenerate Recognition Code Table. Biochemistry. 41, 7074-81 (2002)	
	CJ1	Shi, Y. et al. Specific DNA-RNA Hybrid Binding by Zinc Finger Proteins. Science. 268, 282-84 (1995)	
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	CM1	Smith, J. et al. Requirements for double-strand cleavage by chimeric restriction enzymes with zinc finger DNA-recognition domains. Nucleic Acids Research, 28:17, 3361-69 (2000)	
	CN1	Taghian, D.G. et al. Chromosomal Double-Strand Breaks Induce Gene Conversion at High Frequency in Mammalian Cells. Molecular and Cellular Biology. 17:11, 6386-393 (1997)	
	CO1	Wah, D. A. et al. Structure of the multimodular endonuclease FokI bound to DNA. Nature 388: 97-100 (1997)	
	CP1	Wolfe, S.A. et al. Beyond the Recognition Code: Structures of Two Cys2His2 Zinc Finger /TATA Box Complexes. Structure. 9, 717-23 (2001)	
	CQ1	Wolfe, S.A. et al. DNA Recognition by Cys2His2 Zinc Finger Proteins. Annu. Rev. Biophys. Biomol. Struct. 3:183-212 (1999)	
	CR1	Yanez, R. et al. Therapeutic gene targeting. Gene Therapy. 5, 149-59 (1998)	
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